

Product datasheet for **TA342865**

DDB2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDB2 antibody: synthetic peptide directed towards the C terminal of human DDB2. Synthetic peptide located within the following region: IVVGRYPDPNFKSCTPYELRTIDVFDGNSGKMMCQLYDPESSGISSLNEF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	damage specific DNA binding protein 2
Database Link:	NP_000098 Entrez Gene 1643 Human Q92466
Background:	This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities.



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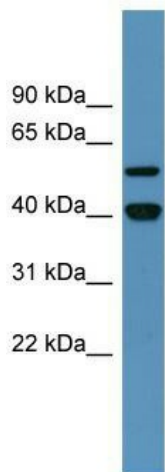
Synonyms: DDBB; UV-DDB2; XPE

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Horse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Rat: 86%; Mouse: 79%

Protein Families: Druggable Genome

Protein Pathways: Nucleotide excision repair, p53 signaling pathway, Ubiquitin mediated proteolysis

Product images:



WB Suggested Anti-DDB2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human Placenta

DDB2



Rabbit Anti-DDB2
Sample Type: Human Fetal Brain
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: DDB2; Sample Tissue: Human Fetal Brain; Antibody Dilution: 1.0 ug/ml